



Curriculum Map: Year 6, Spring 2			Educational Visits (where appropriate):
Subject	Unit: Destination Question and Key Learning	Key vocabulary	Home learning
Maths	<p>To continue:</p> <ul style="list-style-type: none"> • Pupils explain how to represent a percentage in different ways • Pupils explain how to convert percentages to decimals and fractions (with a denominator of 100; without denominator of 100) • Pupils use their knowledge of fraction-decimal-percentage conversions to solve conversion problems in a range of contexts • Pupils use their knowledge of calculating 50%, 10% and 1% of a number to solve problems in a range of contexts • Pupils use their knowledge of calculating common percentages of a number to solve problems in a range of contexts • Pupils use their knowledge of calculating any percentage of a number to solve problems in a range of contexts • Pupils explain how to solve problems where the percentage part and the size of the part is known and the whole is unknown • Pupils explain how to solve problems where the known percentage part and the size of the part changes the whole <ul style="list-style-type: none"> • Pupils can identify and describe different angles. • Pupils can measure the angle of a two-dimensional shape. • Pupils can calculate the unknown angles of a shape. • Pupils can plot points on an axis. • Pupils describe positions on the full coordinate grid (all four quadrants) • Pupils draw and translate simple shapes on the coordinate plane and reflect them in the axes. 	Unit fraction Non-unit fraction Related fraction Non-related fraction Fraction Decimal Percent Out of 100 Bridge Part Whole Addition Subtraction Multiplication Division Y axis X axis Quadrant Translate Reflect Degrees	<p>Times Table Rockstars https://trockstars.com/</p> <p>Hit the button Hit the Button - Quick fire maths practise for 6-11 year olds (topmarks.co.uk)</p> <p>Maths frame mathsframe.co.uk/en/resources/category/22/most-popular</p> <p>10 Minute test: https://www.cgpbooks.co.uk/resources/cgp-s-free-online-10-minute-tests/free-primary-maths-online-10-minute-tests-years-1</p>
English	<p>Non-fiction</p> <ul style="list-style-type: none"> - Writing a series of first diary entries from the POV a chosen person during WW2. 		<p>10 Minute test: https://www.cgpbooks.co.uk/resources/cgp-s-free-online-10-minute-tests/free-primary-spag-online-10-minute-tests-years-1-t</p>
Science	<p>Circuits, batteries and switches</p> <p>Developing knowledge of circuits, the effects of changing voltage and how switches contribute to different devices.</p>	ammeter appliance battery bulb	<p>BBC Electrical components - BBC Bitesize</p>



	<p>To know:</p> <ul style="list-style-type: none">• A variety of components in a series circuit (including buzzer and motor).• Conventions are used to draw circuit diagrams, including the recognised symbols for common components and using straight lines.• The voltage of a circuit can be changed and this affects bulb brightness (or buzzer volume). <p>Science in action</p> <p>To know:</p> <ul style="list-style-type: none">• A range of jobs and careers that use scientific knowledge and methods.• How scientific evidence is used to support or refute ideas or arguments.	<p>buzzer cell circuit circuit diagram component current electricity motor power source resistance switch voltage voltmeter wire</p>	
Geography	<p>Where does our energy come from?</p> <p>Unit Outcomes:</p> <ul style="list-style-type: none">• Describe the significance of energy.• Give examples of sources of energy and their trading routes.• Define renewable and non-renewable energy.• Discuss the benefits and drawbacks of different energy sources.• Describe the significance of the Prime Meridian.• Identify human features on a digital map.• Discuss how transport links have changed over time.• Locate UK cities on a map.• Use six-figure grid references to identify features on an OS map.• Consider and justify the location of energy sources.• Design and use interview questions.• Plot points on a sketch map. <p>Key Questions:</p> <ul style="list-style-type: none">• Why is energy important?• What is renewable energy?• How does the United States generate energy?• How does the United Kingdom generate energy?	<p>biofuel coal consumption contour line crude oil dam emissions energy source hydropower natural gas non-renewable nuclear power Prime Meridian producer regenerate renewable replenish sea level solar power time zone urban planner windpower</p>	



	<ul style="list-style-type: none"> • What is the best way to generate energy? • Where is the best place for a solar panel on the school grounds? 	six-figure grid reference	
RE	<p>CHRISTIANITY: For Christians, what difference does it make to belong to God's Kingdom?</p> <ul style="list-style-type: none"> • What might it mean to have a new start? • What about a new start with God? • Why is it important for Christians to 'act justly' as part of God's Kingdom? • Why should Christians 'love mercy'? • How can Christians 'walk humbly'? • What makes the Christian life distinctive – locally and/or globally? • What difference should living as part of God's Kingdom make to the world? • What do I think about making a difference? 	<p>Justice – making things fair, acting in a way that is morally right</p> <p>Mercy – acting with compassion and kindness; showing forgiveness when punishment might be expected</p> <p>Humility – not proud</p> <p>Reconcile / reconciliation – restoring friendly relations with someone</p>	
Art	<p>Painting & mixed media: Artist study</p> <p>Unit Outcomes:</p> <ul style="list-style-type: none"> • Understand a narrative and use descriptive language to tell a story. • Suggest ideas for the meaning behind a picture. • Identify different features within a painting and use the formal elements to describe it. • Be creative and imaginative in finding their own meaning in a painting. • Use their own art or personal experiences to justify their ideas. • Read a picture well and see beyond the first glance, analysing and evaluating it successfully. • Reflect on personal experiences to convey through their own piece of abstract art. • Contribute to discussions to either the class, group or talk partner. 	<p>abstract analyse artist compose compositions convey evaluation inference interpret Justify meaning medium mixed media narrative respond tableau</p>	



	<ul style="list-style-type: none">• Understand and choose a meaningful message to convey through imagery, creating some different composition ideas.• Select an appropriate artist.• Collect a range of information that is presented in an interesting and pleasing way in sketchbooks.• Generate an idea for a final piece, demonstrating some inspiration from their chosen artist.• Produce a final piece of work, selecting appropriate tools and materials to create an intended effect.• Experiment and revisit ideas, drawing on creative experiences.• Work in a sustained way to complete a piece, making evaluations at each stage.	technique thought-provoking translate	
Music	How Does Music Teach Us About Our Community? Musical styles connect us Singing and listening are at the heart of each lesson. Play, improvise and compose using a selection of these notes: C, C#, D, E, F, F#, G, A, Bb, B		
Computing	Data and information - Introduction to Spreadsheets <ul style="list-style-type: none">• This unit introduces the learners to spreadsheets.• They will be supported in organising data into columns and rows to create their own data set.• Learners will be taught the importance of formatting data to support calculations, while also being introduced to formulas and will begin to understand how they can be used to produce calculated data.• Learners will be taught how to apply formulas that include a range of cells, and apply formulas to multiple cells by duplicating them.• Learners will use spreadsheets to plan an event and answer questions. Finally, learners will create charts, and evaluate their results in comparison to questions asked.	Format Cell Spreadsheet Formula Charts Data	
PSHE	Health and wellbeing <ul style="list-style-type: none">• To understand that vaccinations can give us protection against disease.• To know that changes in the body could be possible signs of illness.	antibodies growth mindset habit qualities	



	<ul style="list-style-type: none">To understand that a number of factors contribute to my physical health (diet, exercise, rest/relaxation, dental health).To know that a habit is a behaviour that we often do without thinking and that we can have good and bad habits.To understand that a number of factors contribute to my mental health (diet, exercise, rest/relaxation).To know the effects technology can have on mental health.	responsibility skill vaccination	
PE	Tag Rugby <ul style="list-style-type: none">Tag a player using either hand when moving at full speed in a game situationDodge around a defender at speed with a ball in hands avoiding being taggedBring in pass and loop into a game situationLooping around your teammate- to try and trick an opponent in game situationWorking together as a team to score a try in a tag rugby game, e.g supporting diagonal runsUse techniques learned and apply in a game situation. Apply basic principles for attacking and defendingIn a team, discuss tactics of attacking and defending (communicate and collaborate)		https://www.youtube.com/watch?v=S41yp2DYrvg
French	In a French Classroom <p>Pupils who are secure will be able to: Show their understanding of key vocabulary with a physical response.</p> <ul style="list-style-type: none">Attempt to imitate the pronunciation of vocabulary accurately.Correctly identify masculine and feminine nouns in written form.Use modelled language to create questions or sentences using appropriate articles.Deduce the meaning of new words, matching labels to pictures using a range of language detective skills.Attempt to build their own sentences using labels as a model.Speak clearly and present simple phrases when supported visually.Use appropriate intonation to engage the audience.	un crayon un taille-crayon un stylo un cahier un sac une règle une gomme une trousse des ciseaux j'ai je n'ai pas tu as...?	